Name _____

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CURRENT ELECTRICITY
from the series *Electricity and Magnetism*

POST-TEST

Directions: Answer the following questions in the space provided.

1. What three things are needed for a complete circuit?

   power source, output device, connection

2. What is a conductor?

   an object that allows the pass through of energy

3. What is an insulator?

   something that does not allow the pass through of energy

4. What is a series circuit?

   has one path in which energy can travel

5. What is a parallel circuit?

   has several paths in which energy can travel

6. How does a circuit breaker protect a home?

   it's the power input for all the power throughout the house

7. Why are parallel circuits used in homes instead of series circuits?

   because the power can get to multiple connections and also because it's more reliable

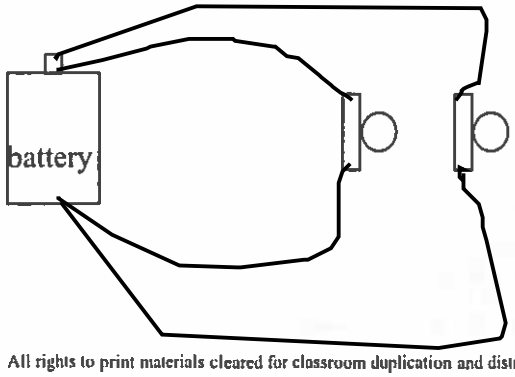
8. What is a short circuit?

   when there are not enough resistors

9. What is current electricity?

   when electricity has a continuous flow

10. Draw a parallel circuit to connect these two bulbs with the dry cell.



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